Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A method of calibrating a printing system suitable for forming an output image representative of an input image, ~~said~~ the method comprising:

forming and printing an output image on a support sheet;

detecting an image quality parameter within a predetermined area of the output image;

comparing the image quality parameter with an input parameter to determine an error adjustment;

adjusting the image quality parameter based on the error adjustment; and

automatically controlling a process station in the printing system as a function of the image quality parameter determined in ~~said~~ the detecting step and adjusted in the adjusting step.

2.   (Original) The method of claim 1, wherein the image quality parameter comprises the color coordinates of the output image.

3.   (Original) The method of claim 2, wherein the color coordinates in the output image are detected using a spectrophotometer.

4.   (Original) The method of claim 3, wherein the spectrophotometer senses a range of color coordinates in the output image.

5.   (Original) The method of claim 1, wherein the process station comprises a look-up table for determining a color toner formula.

6.   (Original) The method of claim 5, wherein the step of controlling includes modifying an entry of the look-up table.

7.   (Original) The method of claim 1, wherein the step of forming an output image further comprises selecting a predetermined area to be detected.

8.   (Original) The method of claim 7, further comprising a step of moving a sensor to the predetermined area of the output image.

9.   (Currently Amended) A process control system for calibrating a printing system, comprising:

an image forming system for forming a developed image based on an input quality parameter;

a support sheet for receiving the developed image to form an output image representative of an output image;

an image quality sensor for measuring an output quality parameter of the output image on the support sheet and generating a signal representative of said the image quality parameter in response to a comparison between the output quality parameter and the input quality parameter.

10.   (Currently Amended) The system of claim 9, further comprising an image controller for calibrating a process station as a function of the signal generated by the image quality sensor, the image controller adjusting the image forming system based on the comparison.

11.   (Original) The system of claim 10, wherein the sensor comprises a spectrophotometer for measuring color coordinates in the output image.

12.   (Original) The system of claim 10, wherein the sensor is movable along a predetermined path.

13.   (Original) The system of claim 12, wherein the image controller directs the sensor to a plurality of positions along the predetermined path so as to measure a range of image quality parameters.

14.   (Original) The system of claim 11, wherein the process station comprises a look-up table for determining a color toner formula.

15.   (Original) The system of claim 14, wherein the controller modifies an entry of the look-up table to comprise a new color toner formula.

16.   (Cancelled)

17.   (Currently Amended) A process control system for calibrating a printing system suitable for forming an output image representative of an input image, comprising:

        a movable image quality sensor for measuring an output image quality parameter in an image and generating a signal representative of the output image quality parameter in response to a comparison between the output image quality parameter and an input image quality parameter.

18.   (Currently Amended) The process control system of claim 17, further comprising an image process processor for decomposing an input image and producing output data for rendering an output image by a print engine.

19.   (Currently Amended) The process control system of claim 17 18, wherein the image process processor controls the movement of the sensor.

20.   (Currently Amended) The system of claim 19, wherein the image process processor moves the sensor along a predetermined path so as to determine a range of color coordinates in the output image.

21.   (New) The method of claim 1, wherein the input parameter is a proportion of constituent color spectra, and the error adjustment affects the proportion of the spectra of the image quality parameter.